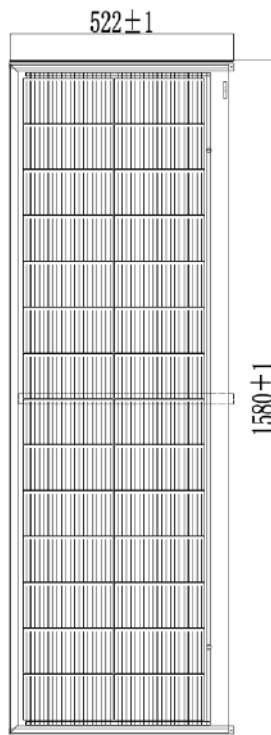
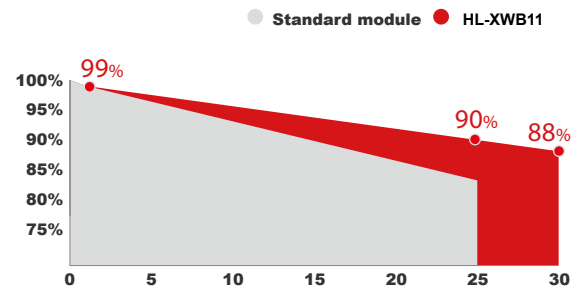


HL-XWB13 Plane PV Tile (125-135W)

28 half-piece/Double-glass Non-transparent
Heterojunction Half-piece Module



Unit: mm



* For details, please refer to the product warranty instructions.

Mechanical parameters

Cell type	Single-crystal heterojunction 210×105mm
Cell arrangement	28 (14*2)
Module size	1580*522*37 mm
Module weight	10.5 kg
Junction box	Protection grade IP67/IP68
Output cable	4mm2, L: 300 mm (customized) / UV protection
Connector class	MC4 compatible
Frame	AL 6005-T5
Sealant	PVB
Front static load (snow pressure)	2400 Pa
Back static load (wind pressure)	2400 Pa
Glass	(F) 2.0mm ultra-white heat-strengthened glass (B) 2.0mm heat-strengthened glass

Electrical parameter (STC*)

Module type	HL-XWB13 T01125	HL-XWB13 T01130	HL-XWB13 T01135
Maximum power (P _{max})	125W	130W	135W
Module efficiency (%)	16.5%	17.1%	17.7%
Optimum operating voltage (V _{mp})	8.35V	8.6V	8.8V
Optimum operating current (I _{mp})	14.98A	15.12A	15.35A
Open-circuit voltage (V _{oc})	10.39V	10.42V	10.44V
Short-circuit current (I _{sc})	15.78A	15.95A	16.19A
Operating temperature range of modules	-40~+85 °C		
Maximum system voltage	DC1000V (IEC)		
Maximum rated fuse current	20A		
Power tolerance range	0~+5W		

*STC (standard test condition): irradiance 1000W/m², battery temperature 25 °C, spectrum AM1.5.

Temperature coefficient

Rated operating temperature of battery (NOCT)	44±2 °C
Maximum power temperature coefficient (P _{max})	-0.26%/ °C
Temperature coefficient of open circuit voltage (V _{oc})	-0.24%/ °C
Temperature coefficient of short-circuit current (I _{sc})	0.04%/ °C

Safety level & warranty

Safety level	Class II
Product warranty	10-year product materials and processes
Power warranty	30-year linear power output*

*The attenuation is 1% in the first year, not more than 0.375% annually from the next year, and not less than 88% in the 30th year.

Packaging information

Capacity of each case: 24 pieces/330Kg

The specifications and key features described in this data sheet may deviate slightly. Zhejiang HIITIO New Energy Co., Ltd. reserves the right to make any adjustment to the information herein at any time without further notice. Please access the latest version of the specification at any time. The specification shall be formally incorporated into the binding contract signed by both parties and shall apply to all transactions relating to the sale and purchase of the products described herein.